

Atty. Dkt USC 7064

I. AMENDMENTS

Please amend the paragraph appearing on pages 13 and 14 of the application as follows:

cDNA library sequences of the three subunits of IKK, γ , α , and β , were subcloned into Stratagene™ pESC Stratagene™ pESG expression vectors with different promoters and selection markers. Each subunit has a promoter (e.g. galactose or alcohol dehydrogenase), a different selection marker (e.g. leucine, histidine, or tryptophan), and a tag (e.g. myc, HA, or FLAG). IKK α and IKK β were subcloned into pESC ura and pESC trp vectors in which the galactose promoter region was replaced with the met promoter from the leu(met) vector. In these plasmids, the galactose (gal) promoter regulates the gene so the protein is only expressed when the yeast are induced with galactose. Likewise, with the methionine promoter, the presence of methionine represses expression of IKK, but expression is induced by removal of the methionine. Yeast were also transformed with plasmids in which the methionine (met) promoter regulates expression of IKK (7, 22). For IKK γ , the cDNA library was subcloned into a pESC 86(+) expression vector which induces constitutive expression under the alcohol dehydrogenase (ADH) promoter or was directly cloned into the leu(met) vector. Examples of plasmids and yeast strains used in the present invention are shown in Tables 1 and 2 respectively.

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